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# SUMMER PROFESSIONAL TRAINING FOR TEACHERS

## WISCONSIN SUMMER SCHOOL

The eighth annual session of the Summer School will be held at the University for six weeks, from July 8 to August 16, 1894.

While established originally for the assistance of teachers and those preparing to teach in grammar and high schools grades, the Summer School is by no means exclusively for such. It is open to any one wishing to pursue any of the branches of study specified in this circular. Those who are anxious to study at home and wish help and guidance as to matter and methods will find them here. High School graduates expecting to enter the University will find this school of use to them in supplementing the instruction they have received and making them better prepared for thorough work in their classes. University students desiring to extend their course in any of these lines, or to make up deficiencies in them, will find the school a valuable help. Those wishing to do special work during the summer looking to a thesis for graduation can usually make arrangements for such work with the instructors in this School. Students expecting to teach after graduation will find the courses especially valuable to them. Persons intending to take the state examinations, which commence the Tuesday after the school closes, will find here the help and guidance they need in finishing their preparation.

Teachers and principals of high and grammar schools will note the purpose indicated in the several branches to give assistance in the teaching of these branches. What to teach and how to teach it so as to meet the requirements of the University, and so as to secure the best results for average students, will be carefully considered in connection with each of the subjects.

## CREDIT AT THE UNIVERSITY

By consultation with the instructors, arrangements may be made in many of the branches, by which credit will be given in the University for work done in the Summer School. The increase in the length of the session from four to six weeks, makes it possible to accomplish much more during the summer, especially by concentration of effort upon a single branch of study. By this change also the school is brought into closer organic relations with the University.

The laboratories in botany, chemistry, physics, and zoölogy will be in charge of the professor or a competent assistant.

The University library, containing about 33,000 books and 9,000 pamphlets will be open for the use of the students of the Summer School. They can also have access to the library of the State Historical Society, which contains 100,000 volumes and 69,000 pamphlets, undoubtedly one of the most complete and valuable collections of historical material to be found in the Northwest. The Madison city library, of over 13,000 volumes, will also be accessible for all the purposes of the school.

Courses will be offered as follows:

Psychology and Pedagogy, by Professor Stearns; History, by Professor Turner; Greek.

**LATIN**—1. Caesar and Virgil. This is offered as a teachers' course, and will deal by means of class exercises and informal lectures with the methods and subjects of Latin instruction in secondary schools. Questions of syntax, Latin pronunciation, "sight reading," and composition are among the subjects that might properly come within the scope of the course. Any of the standard school grammars and editions of Caesar and Virgil may be used in this work.

As the aim is not to teach Latin to those who cannot already translate with some facility, the course is open only to those who have completed the ordinary high school course, at least, in Latin or its equivalent.

2. Horace. Selections from the Odes, Satires, and Epistles. This is a reading course intended to meet the needs of teachers and others who desire to supplement their previous reading in Roman literature. Three hours per week; but if so desired by those electing the course, the number of recitation hours will be increased.

German, by Professor Rosenstengel; English Literature, by Professor Freeman; Library Science, by Miss Sharp; Mathematics, by Professor Slichter; Surveying, by Mr. Smith; Physics, by Dr. Austin and Dr. Thwing; Chemistry, by Professor Daniels; Botany, by Professor Barnes, Dr. True, and Mr. Heald; Physiology and Zoology, by Professor Birge and Mr. Heald; History, by Mr. Carlton; Geology, by Professor Culver.

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#### UNIVERSITY EXTENSION SUMMER MEETING

The third session of the University Extension Summer Meeting will be held in Philadelphia in the buildings of the University of Pennsylvania, from July 1 to 26, the inaugural lecture by Professor Woodrow Wilson, of Princeton College, occurring on Saturday evening, June 29th. A certain continuity is maintained from year to year in each of the six departments of study. The work of the different departments is distinct and from three to five hours of instruction are given daily in each department. In Literature and History a cycle of study is begun with the present session, which will cover five or more years, each devoted to some interesting period of the world's history. In the present year it is proposed to make a careful study of the Life and Thought of Ancient Greece. Among the lecturers are Professor John H. Wright, of Harvard University; Professor Martin L. D'Ooge, of Michigan; William Cranston Lawton, of Columbia College; Professor William A. Lamberton, of the University of Pennsylvania; Professor William A. Hammond, of Cornell University, and Professor B. Perlin, of Yale University.

In the department of Psychology work is offered in Normal, Abnormal Physiological Psychology, the lectures to be supplemented by seminar and laboratory courses. The instruction is under the charge of Professor William Romaine Newbold and Dr. Lightner Witmer, of the University of Pennsylvania.

An interesting feature of the present session is the department of Biology, in which courses will be given on Botany and Zoology, from the standpoint of teachers of the elementary schools. The lectures will suggest new material for study in the school room, giving information concerning its collection and use. The lecturers announced for this department are: Liberty H. Bailey, of Cornell University; Edward D. Cope, of the University of Pennsylvania; George L. Goodale, of Harvard University; Byron D. Halsted, of Rutgers College; J. Sterling Kingsley, of Tufts College; John M. Macfarlane, of the University of Pennsylvania; Charles O. Whitman, of the University of Chicago; Lucy Langdon Williams Wilson, of the Philadel-

phia Normal School, and William P. Wilson, of the University of Pennsylvania.

The Department of Civics and Politics offers an unusual opportunity to study political and social science under the guidance of the most eminent scholars. The lecturers scheduled are as follows: Henry C. Adams, of the University of Michigan, who will give five lectures; Albert A. Bird, of the American Society, who will give five lectures; E. R. L. Gould, of the University of Chicago, who will give three lectures; Edward Everett Hale, of Boston, who will give seven lectures; Willard Bayard Hale, of Middleboro, Mass., who will give five lectures; Albert Bushnell Hart, of Harvard University, who will give three lectures; Edmund J. James, of the University of Pennsylvania, who will give five lectures; Jeremiah W. Jenks, of Cornell University, who will give five lectures; Jesse Macy, of Iowa College, who will give five lectures; Albert Shaw, of the *Review of Reviews*, who will give five lectures; William G. Sumner, of Yale University, who will give two lectures, and Woodrow Wilson, of the College of New Jersey, who will give six lectures.

In the range of subjects are such topics as, "The Relation of the State to Industrial Society," "Political Parties and Political Leadership," "Constitutional Government of the United States," "Politics in the Modern Democracy," "Government of European Cities," "The Municipal Government of Philadelphia," "Social Problems of Cities," "Social Reform," "Social Ideas and Social Realities," and other topics treating of historical and theoretical politics.

The Director is Dr. Edward T. Devine, 111 South Fifteenth street, Philadelphia.

## UNIVERSITY OF MICHIGAN

### SUMMER SCHOOL

During the summer of 1895, from July 8 till August 16, courses will be offered as follows:

Latin, 4 courses; French, 4 courses; German, 3 courses; English Literature, 2 courses; English Language, 2 courses; Philosophy and Psychology, 7 courses; English composition, 2 courses; Mathematics, 5 courses; Physics, 3 courses; General and Analytical Chemistry, 12 courses; Astronomy, 1 course; Animal Biology, 1 course; Drawing, 8 courses; Surveying, 3 courses; Civil Engineering, 3 courses; Mechanical Drawing and Machine Design, 2 courses; History, 2 courses; Botany, 3 courses; Music, 3 courses; Law, 3 courses.

The above courses will be given by members of the University Faculty, and many of them are designed especially for teachers. Students desiring to do advanced work will find abundant opportunity, as the Library, Museum and Laboratories are open to all. The courses in Law are designed for those who wish a general knowledge of the law as a branch of a liberal education or for those who desire a practical knowledge of the law governing business transactions.

The fee for each single course is \$15; two courses by the same student, \$25; three courses by the same student, \$30.

The cost of board and rooms will vary from \$3 to \$5 a week for each student.

Ann Arbor, situated on the Huron river, at the junction of the Michigan Central and Toledo & Ann Arbor Railways, is easy of access, being thirty-seven miles from Detroit and forty-six miles from Toledo. It is also a pleasant place for summer residence.

Complete announcement of courses and any further information may be obtained from James H. Wade, Secretary of the University of Michigan, Ann Arbor, Michigan.

## HARVARD UNIVERSITY AS A RESORT FOR TEACHERS

With the organization of Summer Courses for Teachers Harvard University began more than twenty years ago to make its resources accessible to teachers who could not attend its classes in term time. The demonstrated success of that experiment has caused the steady expansion of the Summer School instruction, the aim being throughout to render the University increasingly useful to teachers. This same purpose was four years ago made to include appropriate courses in the study of Education and Teaching, for those students in the regular college classes who are preparing themselves to become teachers and for the teachers already in service who are unable to avail themselves of this instruction during term time. More recently still the same purpose caused the establishment of a Four Years' Course in Science for Teachers, in the Lawrence Scientific School. This course was started in the fall of 1894. It leads to the degree of Bachelor of Science and is intended for those who wish to qualify themselves to teach science in secondary schools, and for those who wish to become departmental teachers of science in the elementary schools. It prescribes courses in Mathematics, Physics, Chemistry, Botany, Zoölogy, Geology and Physical Geography, Psychology, the General Principles of Education, the History of Education, the Organization and Management of Schools and Classes, and the Methods of Teaching Science in Elementary and Secondary Schools, and offers a voluntary summer course in Physical Training. Through certain options it affords the student an opportunity to specialize as he proceeds through the course.

It is believed that this course combines a training in Science with a professional training not heretofore provided in any institution of like grade, for students who are preparing to teach, and for those teachers already in service who desire to extend their scholarship and professional training.

The Lawrence Scientific School, together with the College and the Graduate School, is managed by the Faculty of Arts and Sciences. Members of the school, while pursuing their special courses in Engineering, or Science, or Teaching, as an immediate preparation for their life work, have all the privileges of college students.

In the Summer School the work is so planned that a single course usually occupies all of a student's time. This intensive study is the distinguishing characteristic of the Harvard Summer School. Each course lasts from five to six weeks, and during that time the student has an opportunity to freshen and deepen his scholarship in his chosen subject, to become familiar with the newest and most approved apparatus, to learn the methods of study and presentation, and to gain some acquaintance with the literature of his subject. In addition to the usual teaching resources which are placed at his disposal in each course, the use of the central library, and the University museums and laboratories, which are open to him, the student will, during the present summer, have an opportunity to study at his leisure some of the latest text-books and reference books in his own and other subjects. By an arrangement with leading publishers who have expressed their willingness to exhibit their publications during the session of the Summer School, a TEXT BOOK LIBRARY will be accessible to all the students for consultation and reference. To prevent any misunderstanding concerning the purpose of this exhibit, it is to be observed that the exhibit will be in charge of an attendant employed by the University. No orders for books will be taken, and no sales will be permitted.

A Summer School Section of the Harvard Teachers' Association consisting of Summer School Students is organized in each summer for at least one general meeting for the discussion of important current educational questions. Evening lectures, one or two in each week, will be given by University teachers on subjects connected with their several specialties. After each of these lectures, all students who wish to do so are invited to remain for an informal social gathering.

By all the means it possesses, the University thus endeavors to meet the diverse wants of the students of the Summer School, to bring them in touch with its life, and to help each of them to derive from his stay the most helpful influences which it commands.

## THE UNIVERSITY OF CHICAGO

The announcement of the summer courses offered by the University of Chicago recalls the success of the experiment tried last year for the first time, of making the summer quarter a regular period of the college year. Last summer the University of Chicago had 605 students, of whom 223 were registered in the graduate school. A large proportion of these students were persons who entered for the summer quarter only, being teachers and scholars from other institutions. Among them, however, were many of the regular students who were taking the University courses leading to degrees, and who preferred in this way to shorten the four years usually required. According to the plan of the University, work done during the three months of July, August, and September may be counted toward a degree by any candidate. Accordingly there is no diminution in the opportunities offered for study and investigation. Every department is in operation with a full corps of instructors; all libraries and laboratories are open for the use of students.

Although the summer quarter is thus as essential a part of the college year as the winter quarter, the experience of last year proved that many persons will enter the University for the summer quarter only, or for a single term of it. The programme of courses is therefore especially adapted to meet the needs of such persons. Many beginning courses are offered, and courses of study are so arranged that a student may devote his entire time for six weeks or three months to the mastery of a single subject, under the direction of several instructors. In this way a student who desires to advance in any subject beyond the limits fixed by the resources of the preparatory school, either for the purpose of anticipating some portion of his college course, or to fit himself for independent work in his chosen field of study or profession, can pursue his plan most profitably.

It was a source of gratification that a considerable number of the students in attendance last summer were teachers. For the coming summer the opportunities offered especially to teachers will prove of exceptional value. A number of courses have been arranged and will be conducted with special reference to meeting and discussing practical educational problems. From inquiries already received it is certain that a large number of teachers in both college and secondary grades will be in attendance at the University. The advantages to individual teachers from mutual discussion and association need not be pointed out. Finally, the opportunity of coming into close contact with a university system representing the ideals and methods of higher education, the advantages of sharing even for a short time in the interests of university life must prove a source of increased enthusiasm and power to every teacher.

A summary of the courses of instruction offered for the summer quarter is as follows: In Philosophy, two courses, under Associate Professor Tufts; in Psychology, two courses, under Assistant Professor Angell, and a Laboratory course, under Professor McLennan; in Pedagogy, two courses, under Professor Thurber, of Colgate University; in Apologetics, two courses of lectures by Professor Alexander Baldwin Bruce, of Glasgow; in Political Economy, two courses, under Professor Miller; in Political Science, two courses, under Head Professor Judson; in History, two courses under Head Professor Von Holst, two under Professor Terry, and eight courses under other instructors, besides the courses offered in Church History by Head Professor Hulbert, Associate Professor Goodspeed, and Assistant Professor Moncrief; in Social Science, one course under Head Professor Small, and six under other instructors, including work in Anthropology; in Comparative Religion, one course, under Dr. Breasted; in the Semitic Languages, six courses under Head Professor Harper, five under Professor Hirsch, four under Associate Professor Harper, seven under other instructors; in Biblical Greek, one course under Head Professor Burton, two under Professor Gregory, one under Associate Professor Mathews, one under Dr. Arnott; in Greek, three courses under Assistant Professor Capps, and three under Mr. Owen; in Latin, two courses under Professor Abbott, two under Professor Hendrickson, of the University of Wisconsin, and five under other instructors; in Romance Languages, three courses under Assistant Professor Bruner, three under Assistant Professor Bergeron, three under Assistant Professor Howland; in Germanic Languages, two courses under Associate Profes-

sor Cutting, two under Assistant Professor Schmidt-Wartenberg, two under Dr. Von Klenze, three on Norse Literature under Dr. Dahl; in English, two courses under Professor Gummere, of Haverford College, two under Professor Davidson, of Adelbert College, three under Associate Professor McClintock, two under Assistant Professor Crow, and eight under other instructors; in Mathematics, three courses under Professor Morse, two under Assistant Professor Maschke, six under other instructors; in Astronomy, three courses, under Dr. Lee; in Physics, five courses, under Assistant Professor Wadsworth; in Chemistry, two courses under Professor Nef, and eight under other instructors; in Geology, four courses, under Head Professor Chamberlin and Professor Salisbury; in Zoölogy, two courses, under Dr. Wheeler and Dr. Jordan, besides the courses at the Marine Laboratory, Wood's Holl; in Anatomy, two courses; in Physiology, three courses, under Assistant Professor Loeb and Dr. Lingle; in Neurology, two courses, under Professor Donaldson; in Palaeontology, five courses, under Assistant Professor Baur; in Botany, one course under Dr. Davis, and two under Mr. Clarke. The work in Physical Culture will be under the direction of Associate Professor Stagg.

#### CORNELL UNIVERSITY SUMMER SCHOOL

The Cornell University Summer School for the summer of 1895, (July 8-August 16,) offers instruction in the following subjects, the figures indicating the number of courses in each: Greek (1), Sanskrit (2), Latin (2), German (3), Romance Languages (4), English (8), Philosophy (4), Experimental Psychology (10), History (1), Mathematics (2), Physics (4), Chemistry (8), Botany (3), Geology (5), Drawing and Art (5), Mechanical Drawing (3), Architectural Drawing and Designing (4), Experimental Engineering (3), Physical Training (3).

The summer school is open to women as well as to men, and the same facilities for work are extended to its students as to regular students of the university. Without excluding others qualified to take up the work, these courses are offered for the special benefit of teachers. They afford an opportunity for teachers themselves to be taught under university instructors, by university methods, and with access to university libraries, museums, and laboratories,

Every course announced will be given without regard to the number of students applying for it.

Every opportunity will be given for original research, under the guidance and with the assistance of members of the instructing corps. For such research unusual facilities are offered by the large working library of the university, and by the well equipped laboratories. But the time is so short, and the amount of work implied in each course is so great that students are advised to confine their attention to one or two subjects.

For work done in the summer school, Cornell students may receive credit, while teachers and others not registered in the university may receive certificates of attendance and satisfactory work, signed by their instructors and by the president of the university.

In previous years addresses have been given before the school by the president, the professors of the university, and others. Similar addresses may be expected the coming summer.

The cost of living in private houses in Ithaca varies from \$4 to \$6 a week. Inquiries regarding board and rooms may be addressed to the secretary of the Cornell University Christian Association, who has kindly consented to assist students in finding rooms and boarding places. Barnes Hall, the building of the Christian Association, will also be open, and at the service of students of the summer school through the entire session.

The city of Ithaca is easy of access, is delightfully situated in the beautiful lake country of Central New York, and with its lake, hills and glens is an attractive place of summer residence. In the words of Secretary Dewey in a recent report to the Regents of the University of the State of New York, "For those who wish to secure the facilities of a great university, with wonderful scenery and the restfulness of the country, Cornell offers a combination probably unequaled."

For circulars giving more detailed information applied to the Registrar, Cornell University, or to the secretary of the school, Professor O. F. Emerson, Ithaca, N. Y.